

IN THE SPECIFICATION

Please amend the Abstract as follows:

The present invention aims at A video signal processing apparatus for simplifying configurations of devices compliant to a plurality of simultaneously imaged video signals. A plurality of imaging units obtain means 101 and 102 obtains a plurality of imaged video signals P_1 and P_2 . These signals are selected at a vertical synchronization timing-(104) to generate one system of composed video signal P_{mix0} . Compression means 105 A compression unit compresses the composed video signal P_{mix0} to record or transmit it. Decompression means 107 A decompression unit decompresses a compressed and composed video signal P_{mix2} which is reproduced from a recording medium or is received. A video decomposition process can recover an original plurality of systems of video signals simply by selecting the signals at the vertical synchronization timing-(109). An interpolation process is performed for a field that is lost due to the field-based selection during composition.